

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the Application of:

Christian Luetkemeyer

U.S. Serial No.: unassigned

Filed: herewith

For: MEMORY-BASED SHUFFLE-  
EXCHANGE TRACEBACK FOR  
GIGABIT ETHERNET  
TRANSCEIVER

Examiner: unassigned

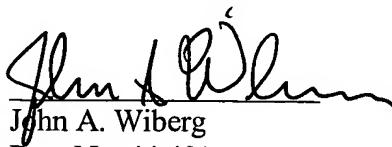
Group Art Unit: unassigned

**EXPRESS MAIL**

Label No.: EL 848969201 US

Date: July 22, 2003

By:

  
John A. Wiberg  
Reg. No. 44,401

Attorney for applicant

**PRELIMINARY AMENDMENT**

MS: Patent Application  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant respectfully submits this preliminary amendment in connection with the above newly filed continuation application. Please amend the application as shown on the following pages.